



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

646.3110

Job Sheet 211962



Part No: 646.3110

Job Qty: 12 pcs

Part Name: Channel



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/31/20

Job Tracking No:

Due Date: 8/25/20

Created By: Marie Lajeunesse

Type: Stock

Description: SIOP

Note: DWG 646.3100 REV N/C IPP REV:A NEW ISSUE 12-10-24 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	12 pcs		8/12/20	0.00	0.66	Bandsaw - 1		J.C.L. 20-08-05
110	HAAS 4 Axis - B4B	12 pcs		8/13/20	0.43	13.33	HAAS - 1 - B4B		
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		SGT / ALA 20/08/07
							HAAS - 4 - B4B		
120	QC 2	12 pcs		8/13/20	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		



Container No: S292662



Part: 646.3110

Job No: 211962

Serial No/Batch: S292662

Revision: Rev N/C

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 08/07/20

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					QC 2 - 63	
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					QC 2 - 76	
					QC 2 - 86	
					QC 2 - 83	
130	QC 8	12 pcs	8/13/20	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	SL 20-8-10
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					QC 8 - 61	
					QC 8 - 66	
					QC 8 - 73	
					QC 8 - 82	
140	Outsource - 4 - Anodize	12 pcs	8/25/20		ATG001-VC	8
						2020-08-11
150	Packaging 2-1 - Receive - B4B	12 pcs	8/25/20	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	11e AUG 20 2020
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 -	

				B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
155 QC 5	12 pcs	8/25/20	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	

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				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
190 QC 21 - SA	12 pcs	8/25/20	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21
				QC 21 - SA - 9	3-05
				QC 21 - SA - 77	AUG 24 2020

Part Op 100 - Cut Blank at 15.00"

Descriptions: 110 - 1-Machine per folio FB145

120 - (QC2- Inspect parts off machine FAI/FAIB)

130 - (QC8- Inspect parts - second check)

140 - Issue P/O to ATG : 46879 1- Hard Anodize Black and Prime as per Dwg 646.3100

150 - (Receive & Inspect for Damage & Mat'l Certs)

155 - (QC5- Inspect part completeness to step on W/O)

180 - (Identify as per dwg & Stock Location: _____) ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

190 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S1.500X1.500	7075-T6S Sheet 1.5" Thick Plate X 1.5" Wide	15 ft (1.25 ea)	100-Bandsaw - 1	S255556
				S256776

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M7075T6S1.500X1.500	15	31	0

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Channel	14.600inches $\pm$ 0.010	14.610 14.590		14.595
2	Channel	13.130inches $\pm$ 0.010	13.140 13.120		13.130
3	Channel	0.090inches $\pm$ 0.010	0.100 0.080		0.090
4	Channel	0.470inches $\pm$ 0.010	0.480 0.460		0.480
5	Channel	0.750inches $\pm$ 0.010	0.760 0.740		0.752
6	Channel	83.000Degrees $\pm$ 0.500	83.500 82.500	Angle	0.83
7	Channel	0.880inches $\pm$ 0.010	0.890 0.870		0.870
8	Channel	0.645inches $\pm$ 0.005	0.650 0.640		0.645
9	Channel	0.110inches $\pm$ 0.010	0.120 0.100		0.100
10	Channel	0.120inches $\pm$ 0.010	0.130 0.110		0.113
11	Channel	0.209inches + 0.005 - 0.001	0.214 0.208	Diameter	0.209
12	Channel	0.409inches $\pm$ 0.005	0.414 0.404		0.409
13	Channel	0.420inches $\pm$ 0.002	0.422 0.418		0.420
14	Channel	2.188inches $\pm$ 0.002	2.190 2.186		2.188
15	Channel	2.188inches $\pm$ 0.002	2.190 2.186		2.188
16	Channel	2.188inches $\pm$ 0.002	2.190 2.186		2.188
17	Channel	2.187inches $\pm$ 0.002	2.189 2.185		2.187
18	Channel	0.785inches $\pm$ 0.002	0.787 0.783		0.786
19	Channel	2.395inches $\pm$ 0.002	2.397 2.393		2.395
20	Channel	0.669inches $\pm$ 0.002	0.671 0.667		0.669
21	Channel	0.372inches $\pm$ 0.002	0.374 0.370		0.372
22	Channel	0.334inches $\pm$ 0.002	0.336 0.332		0.333
23	Channel	0.175inches $\pm$ 0.002	0.177 0.173		0.175
24	Channel	0.130inches $\pm$ 0.002	0.132 0.128		0.130

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB046879



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046879

PO Date: 8/11/20

Due Date: 8/21/20

Purchase Order

Revision:

Revision Date:

Issued By: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	211687	D2348	D2348 Rev C	Wearplate (Key Way) : Various STC's Issue P/O: Black Anodize per Dwg D2348 Rev. C	Firmed X30	-	8/21/20	30 pcs	0 pcs	30 pcs	\$4.87/pcs	\$146.10
2	211896	D4703-043	D4703 Rev C	Lock Pin Base : Various STC's Issue P/O to ATG: -HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2 -As Per Dwg D4703 -Material type; 6061T6 -Certificate of Conformity is required	Firmed X20	-	8/21/20	20 pcs	0 pcs	20 pcs	\$3.62/pcs	\$72.40
3	211333	647.1711	647.1700 REV.F	Plate : Various STC's (Outsource process- Anodize per QSI017 4.1.10.1) Issue P/O to ATG :	Firmed X13	-	8/21/20	13 pcs	0 pcs	13 pcs	\$31.17/pcs	\$405.21
4	211334	647.1712	647.1700 Rev.F	Gusset : Various STC's Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 647.1700 Rev. E	Firmed X24	-	8/21/20	24 pcs	0 pcs	24 pcs	\$13.57/pcs	\$325.68

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PURCHASE ORDER

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Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	211962	646.3110	646.3100 Rev N/C	Channel : Various STC's Issue P/O to ATG : 1- Hard Anodize Black and Prime as per Dwg 646.3100	Firmed - X12		8/21/20	12 pcs	0 pcs	12 pcs	\$19.02/pcs	\$228.24
									AUG 20 2020			
6	211967	650.9201	650.9200 Rev A1	Eyelet Bracket Assembly : Various STC's Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 650.9200	Firmed - X16		8/21/20	16 pcs	0 pcs	16 pcs	\$7.52/pcs	\$120.32
									AUG 20 2020			
7	211963	646.3210	646.3200 Rev NC	Support : Various STC's Issue P/O to ATG : 1- Hard Anodize Color Black and Prime as per Dwg 646.3200	Firmed - X12		8/21/20	12 pcs	0 pcs	12 pcs	\$15.27/pcs	\$183.24
									AUG 20 2020			
8	211112	RB H4713-1	RB H4713 Rev F	Drain Hose Body -Issue P/O to ATG -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS-2, Water sealant As Per Dwg RB910- 0020-1 Rev. 2	Firmed - X4		8/21/20	4 pcs	0 pcs	4 pcs	\$4.87/pcs	\$19.48
									AUG 18 2020			
9	211514	RBT18609-1	RBT18609 Rev 4A	Top Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O -ANODIZE COLOR BLACK, PER IAW MIL- A-8625F TYPE 2 CLASS 2, Water sealant -Material; 6061 -Certificate of Conformity is required	Firmed - X2		8/21/20	2 pcs	0 pcs	2 pcs	\$4.87/pcs	\$9.74
									AUG 18 2020			



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PURCHASE ORDER

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Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
10	211515	RBT18609-2	RBT18609 Rev 4A	Lower Body Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O -ANODIZE COLOR BLACK, PER IAW MIL- A-8625F TYPE 2 CLASS 2, Water sealant -Material; 6061 -Certificate of Conformity is required	Firmed - <i>X2</i>		8/21/20	2 pcs	0 pcs	2 pcs	\$4.87/pcs	\$9.74
											Grand Total: \$1,520.15	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Sherrin

Plex 8/17/20 3:01 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920671

Date: 18-Aug-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.			
13 ea	Part: 647.1711 Plate Hard Anodize, Type III, Class2, Black (MIL-A-8625) Primer, MIL-P-23377J, TYPE 1, CLASS N Batch/Lot# 5265778 Expiry Date: 8/23/21 Job: 27940 Line: 3 PO: POHB046879		Rev: F
24 ea	Part: 647.1712 Gusset Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5265778 Expiry Date: 8/23/21 Job: 27941 Line: 4 PO: POHB046879		Rev: F
12 ea	Part: 646.3110 Channel Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot# 5265778 Expiry Date: 8/23/21 Job: 27942 Line: 5 PO: POHB046879		Rev: NC
16 ea	Part: 650.9201 Eyelet Bracket Assembly		Rev: A1

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A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920671

Date: 18-Aug-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms	Ship Via
	ATG Delivery
Quantity	Description
	Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot# 5265778 Expiry Date: 8/23/21 Job: 27943 Line: 6 PO: POHB046879
12 ea	Part: 646.3210 Rev: NC Support Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5265778 Expiry Date: 8/23/21 Job: 27944 Line: 7 PO: POHB046879
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>AUG 18 2020</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. Made in Canada.	